

**Amendments to the Specification:**

Please replace the paragraph beginning on page 8, line 15, with the following rewritten paragraph:

In order to achieve the aforementioned object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 1~~ is characterized by:

placing, in a closed space, an organic compound having sublimation properties and an affinity for a resin of a molded resin article to be coated, and the molded resin article;

placing the closed space in a saturated sublimation pressure state of the organic compound;

uniformly depositing a vapor of the organic compound on the surface of the molded resin article; and

allowing the deposited organic compound to penetrate/disperse from the surface of the molded resin article into its inside.

Please replace the paragraph beginning on page 9, line 14, with the following rewritten paragraph:

Moreover, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 2~~ is characterized by:

placing an organic compound having sublimation properties and an affinity for a resin of a molded resin article to be coated in a first closed space;

on the other hand, placing the molded resin article in a second closed space;

controlling a temperature in the second closed space so as to be equal to or higher than the temperature in the first closed space;

brining a pressure in the first closed space to a saturated sublimation pressure state of

the organic compound;

controlling the pressure in the second closed space so as to be equal to or lower than the pressure in the first closed space;

subsequently, connecting the first closed space to the second closed space to form a third closed space in which the first closed space is combined with the second closed space, and further controlling the temperature and the pressure so that the whole of the third closed space may be in the saturated sublimation pressure state of the organic compound;

allowing a vapor of the organic compound with which the first closed space before the connection is filled to diffuse into the second closed space before the connection;

uniformly depositing the vapor of the organic compound on the surface of the molded resin article; and

allowing the deposited organic compound to penetrate/disperse from the surface of the molded resin article into its inside.

Please replace the paragraph beginning on page 10, line 13, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 3~~ is characterized in that:

in ~~the~~ a previously mentioned modification method of ~~the~~ a surface layer of ~~the~~ a molded resin article ~~according to claim 1~~,

the organic compound is deposited on or contained in a sublimation source substrate in at least one manner selected from the group consisting of the following five manners (A) to (E) so that the organic compound can be deposited on the surface of the molded resin article:

(A) the organic compound being singly applied onto the surface of the sublimation source substrate, or formed into a film on the surface;

(B) the organic compound and a binder resin being applied onto the surface of the sublimation source substrate, or formed into a film on the surface;

(C) a porous particle impregnated with the organic compound being applied onto the surface of the sublimation source substrate, or formed into a film on the surface;

(D) the porous particle impregnated with the organic compound and the binder resin being applied onto the surface of the sublimation source substrate, or formed into a film on the surface; and

(E) a hole in the surface of a porous sublimation source substrate being impregnated with the organic compound.

Please replace the paragraph beginning on page 11, line 9, with the following rewritten paragraph:

Additionally, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 4~~ is characterized in that:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to claim 3,~~

the surface of the sublimation source substrate, on or in which the organic compound is deposited or contained in any one manner of the aforementioned manners (A) to (E), is disposed in the vicinity of the surface of the molded resin article.

Please replace the paragraph beginning on page 12, line 1, with the following rewritten paragraph:

Moreover, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 5~~ is characterized by:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer

~~according to claim 1,~~

placing the molded resin article and the organic compound in a vacuum container;  
exhausting air through a vacuum valve disposed in the vacuum container to reduce the pressure in the vacuum container to a saturated sublimation pressure of the organic compound at a temperature which is equal to or higher than room temperature and which does not exceed a thermal decomposition temperature of the organic compound and/or the resin;  
tightly closing all the vacuum valves disposed in the vacuum container to form a closed space;  
raising the temperature in the tightly closed vacuum container up to a temperature at which a partial pressure of the organic compound reaches the saturated sublimation pressure in the reduced pressure state; and  
after the heating for a predetermined time, slowly cooling the vacuum container.

Please replace the paragraph beginning on page 12, line 21, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 6~~ is characterized by:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer  
~~according to claim 3,~~

placing, in a vacuum container, ~~the~~ an organic compound deposited on or contained in ~~the~~ a sublimation source substrate in any ~~one~~ previously mentioned manner ~~of the manners~~  
~~according to claim 3,~~ and the molded resin article;

exhausting air through a vacuum valve disposed in the vacuum container to reduce the pressure in the vacuum container to a saturated sublimation pressure of the organic compound at a temperature which is equal to or higher than room temperature and which does not

exceed a thermal decomposition temperature of the organic compound and/or the resin;

tightly closing all the vacuum valves disposed in the vacuum container to form a closed space;

raising the temperature in the tightly closed vacuum container up to a temperature at which a partial pressure of the organic compound reaches the saturated sublimation pressure in the reduced pressure state; and

after the heating for a predetermined time, slowly cooling the vacuum container.

Please cancel the paragraph at page 13, line 15, to page 14, line 7.

Please replace the paragraph beginning on page 14, line 9, with the following rewritten paragraph:

Moreover, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 8~~ is characterized by:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to claim 1,~~

placing the molded resin article and the organic compound in a vacuum container;

raising the temperature in the vacuum container up to a temperature which is equal to or higher than room temperature and which does not exceed a thermal decomposition temperature of the organic compound and/or the resin;

while keeping the above temperature, exhausting air through a vacuum valve disposed in the vacuum container to reduce the pressure in the vacuum container to a saturated sublimation pressure of the organic compound at the above temperature;

tightly closing all the vacuum valves disposed in the vacuum container to form a closed space; and

after the heating and the pressure reduction for a predetermined time, slowly cooling the vacuum container.

Please replace the paragraph beginning on page 15, line 1, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 9~~ is characterized by:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer according to claim 3,

placing, in a vacuum container, ~~the~~ an organic compound deposited on or contained in ~~the~~ a sublimation source substrate in any ~~one previously mentioned~~ manner of ~~the manners~~ according to claim 3, and the molded resin article;

raising the temperature in the vacuum container up to a temperature which is equal to or higher than room temperature and which does not exceed a thermal decomposition temperature of the organic compound and/or the resin;

while keeping the above temperature, exhausting air through a vacuum valve disposed in the vacuum container to reduce the pressure in the vacuum container to a saturated sublimation pressure of the organic compound at the above temperature;

tightly closing all the vacuum valves disposed in the vacuum container to form a closed space; and

after the heating and the pressure reduction for a predetermined time, slowly cooling the vacuum container.

Please cancel the paragraph at page 15, line 23, to page 16, line 15.

Please replace the paragraph beginning on page 16, line 17, with the following rewritten paragraph:

Moreover, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 11~~ is characterized by:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to claim 2,~~

placing the organic compound having the sublimation properties and the affinity for the resin of the molded resin article to be coated in a first vacuum container provided with a pipe to an exhaust system, an introducing portion of the organic compound and a connection pipe to a second vacuum container, closing the organic compound introducing portion and the connection pipe to the second vacuum container, reducing the pressure in the first vacuum container through the exhaust system to a saturated sublimation pressure of the organic compound at a temperature which is equal to or higher than room temperature and which does not exceed a thermal decomposition temperature of the organic compound and/or the resin, and raising the temperature in the first vacuum container up to the above temperature;

on the other hand, placing the molded resin article in the second vacuum container provided with a pipe to an exhaust system, an introducing portion of the molded resin article and a connection pipe to the first vacuum container, and closing the molded resin article introducing portion and the connection pipe to the first vacuum container;

controlling a temperature in the second vacuum container so as to be equal to or higher than the temperature in the first vacuum container;

bringing a pressure in the first vacuum container to a saturated sublimation pressure state of the organic compound;

controlling the pressure in the second vacuum container so as to be equal to or lower than the pressure in the first vacuum container;

subsequently, connecting the first vacuum container to the second vacuum container via a mutual connection pipe to form the third closed space in which the first closed space in the first vacuum container is combined with the second closed space in the second vacuum container, and further controlling the temperature and the pressure so that the whole of the third closed space may be in the saturated sublimation pressure state of the organic compound;

allowing the vapor of the organic compound with which the first vacuum container before the connection is filled to diffuse into the second vacuum container before the connection;

uniformly depositing the vapor of the organic compound on the surface of the molded resin article;

heating for a predetermined time to allow the deposited organic compound to penetrate/disperse from the surface of the molded resin article into its inside;

closing the connection pipe which connects the first vacuum container to the second vacuum container;

controlling the temperature and the pressure in the second vacuum container for a predetermined time so that the vapor of the organic compound which remains inside the second vacuum container may penetrate/disperse from the surface of the molded resin article into its inside;

when the vapor of the organic compound excessively exists in the second vacuum container, exhausting the vapor of the organic compound from the second vacuum container through the exhaust system; and

then returning the temperature of the molded resin article in the second vacuum container to ordinary temperature.



Please replace the paragraph beginning on page 18, line 18, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 12~~ is characterized by:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to claim 11,~~

instead of returning the temperature of the molded resin article in the second vacuum container to ordinary temperature in a final stage,

transporting the molded resin article under a reduced pressure into a fourth vacuum container which is disposed adjacent to the second vacuum container via a gate valve and in which the pressure can independently be controlled, and then returning the temperature of the molded resin article to ordinary temperature.

Please replace the paragraph beginning on page 19, line 4, with the following rewritten paragraph:

Additionally, in order to achieve the object, a modification method of the surface layer of a molded resin article of the present invention ~~according to claim 13~~ is characterized by:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to any one of claims 5, 6, 7, 8, 9, 10, 11 and 12,~~

uniformly depositing the vapor of the organic compound on the surface of the molded resin article; and

in order to allow the deposited organic compound to penetrate/disperse from the surface of the molded resin article into its inside,

raising the temperature of the molded resin article to a temperature which is equal to or higher than a glass transition temperature of the resin and which does not exceed the

thermal decomposition temperature of the organic compound and/or the resin.

Please replace the paragraph beginning on page 19, line 18, with the following rewritten paragraph:

Moreover, in order to achieve the object, a coloring method of the surface layer of a molded resin article of the present invention ~~according to claim 14~~ is characterized by:

in ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12,~~

using a dyestuff having the sublimation properties and the affinity for the resin of the molded resin article to be coated as the organic compound to modify and simultaneously color the surface layer of the molded resin article.

Please cancel the paragraph at page 20, lines 1 to 9.

Please replace the paragraph beginning on page 20, line 11, with the following rewritten paragraph:

Additionally, in order to achieve the object, a modification apparatus for the surface layer of a molded resin article of the present invention ~~according to claim 16~~ is characterized by disposing:

a tightly closable container for placing an organic compound having sublimation properties and an affinity for a resin of a molded resin article to be coated, and the molded resin article in a saturated sublimation pressure state of the organic compound;

an exhaust system for adjusting a pressure in the tightly closable container; and

heating means for allowing the organic compound to penetrate/disperse into the molded resin article, after the organic compound sublimates and a vapor of the organic

compound is deposited on the surface of the molded resin article.

Please replace the paragraph beginning on page 20, line 25, with the following rewritten paragraph:

Moreover, in order to achieve the object, a modification apparatus for the surface layer of a molded resin article of the present invention ~~according to claim 17~~ is characterized by disposing:

in ~~the~~ a previously mentioned modification apparatus for ~~the~~ a surface layer of ~~the~~ a molded resin article ~~according to claim 16~~,

a sublimation source substrate on which the organic compound is held in at least one manner selected from the group consisting of the following five manners (A) to (E) so that the organic compound can be deposited on the surface of the molded resin article:

(A) The organic compound is singly applied onto the surface of the sublimation source substrate, or formed into a film on the surface;

(B) the organic compound and a binder resin are applied onto the surface of the sublimation source substrate, or formed into the film on the surface;

(C) a porous particle impregnated with the organic compound is applied onto the surface of the sublimation source substrate, or formed into the film on the surface;

(D) the porous particle impregnated with the organic compound and a binder resin are applied onto the surface of the sublimation source substrate, or formed into the film on the surface; and

(E) a hole in the surface of a porous sublimation source substrate is impregnated with the organic compound.

Please replace the paragraph beginning on page 21, line 21, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a modification apparatus for the surface layer of a molded resin article of the present invention ~~according to claim 18~~ is characterized by disposing:

a tightly closable first vacuum container for placing an organic compound having sublimation properties and an affinity for a resin of a molded resin article to be coated in a saturated sublimation pressure state;

a tightly closable second vacuum container for placing the molded resin article in the saturated sublimation pressure state of the organic compound;

a connection pipe for connecting the first vacuum container to the second vacuum container;

an opening/closing mechanism of the connection pipe;

an exhaust system for independently adjusting the pressure in the first vacuum container;

an exhaust system for independently adjusting a pressure in the second vacuum container; and

heating means for allowing the organic compound to penetrate/disperse into the molded resin article, after the organic compound sublimates and a vapor of the organic compound is deposited on the surface of the molded resin article.

Please replace the paragraph beginning on page 22, line 15, with the following rewritten paragraph:

Additionally, in order to achieve the object, a modification apparatus for the surface layer of a molded resin article of the present invention ~~according to claim 19~~ is characterized

by disposing:

in ~~the~~ a previously mentioned modification apparatus of ~~the~~ a resin surface layer according to any one of claims 16, 17 and 18,

a stirring mechanism for stirring the molded resin article of a powder form.

Please replace the paragraph beginning on page 22, line 23, with the following rewritten paragraph:

Moreover, in order to achieve the object, a modification apparatus for the surface layer of a molded resin article of the present invention ~~according to claim 20~~ is characterized by disposing:

in ~~the~~ a previously mentioned modification apparatus of ~~the~~ a resin surface layer according to any one of claims 16, 17 and 18,

a wind-up mechanism for winding up the molded resin article of a form selected from a textile form, a fiber form and a film form around a reception side reel from a supply side reel under reduced pressure.

Please replace the paragraph beginning on page 23, line 5, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a coloring apparatus of the surface layer of a molded resin article of the present invention ~~according to claim 21~~ is characterized by disposing:

a tightly closable container for placing a dyestuff having sublimation properties and an affinity for a resin of a molded resin article to be colored, and the molded resin article in a saturated sublimation pressure state of the dyestuff;

an exhaust system for adjusting a pressure in the tightly closable container; and

heating means for allowing the dyestuff to penetrate/disperse into the molded resin article, after the dyestuff sublimes and a vapor of the dyestuff is deposited on the surface of the molded resin article.

Please replace the paragraph beginning on page 23, line 18, with the following rewritten paragraph:

Additionally, in order to achieve the object, a coloring apparatus of the surface layer of a molded resin article of the present invention ~~according to claim 22~~ is characterized by further disposing:

in ~~the~~ a previously mentioned coloring apparatus of ~~the~~ a surface layer of ~~the~~ a molded resin article ~~according to claim 21~~,

a sublimation source substrate on which the dyestuff is held in at least one manner selected from the group consisting of the aforementioned five manners (A) to (E) so that the dyestuff can be deposited on the surface of the molded resin article.

Please replace the paragraph beginning on page 24, line 1, with the following rewritten paragraph:

Moreover, in order to achieve the object, a coloring apparatus of the surface layer of a molded resin article of the present invention ~~according to claim 23~~ is characterized by disposing:

a tightly closable first vacuum container for placing a dyestuff having sublimation properties and an affinity for a resin of a molded resin article to be colored in a saturated sublimation pressure state;

a tightly closable second vacuum container for placing the molded resin article in the saturated sublimation pressure state of the dyestuff;

a connection pipe for connecting the first vacuum container to the second vacuum container;

an opening/closing mechanism of the connection pipe;

an exhaust system for independently adjusting the pressure in the first vacuum container;

an exhaust system for independently adjusting a pressure in the second vacuum container; and

heating means for allowing the dyestuff to penetrate/disperse into the molded resin article, after the dyestuff sublimates and a vapor of the dyestuff is deposited on the surface of the molded resin article.

Please replace the paragraph beginning on page 24, line 20, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a coloring apparatus of the surface layer of a molded resin article of the present invention ~~according to claim 24~~ is characterized by disposing:

in ~~the a~~ a previously mentioned coloring apparatus of ~~the a~~ a resin surface layer ~~according to any one of claims 21, 22 and 23,~~

a stirring mechanism for stirring the molded resin article of a powder form.

Please replace the paragraph beginning on page 25, line 1, with the following rewritten paragraph:

Additionally, in order to achieve the object, a coloring apparatus of the surface layer of a molded resin article of the present invention ~~according to claim 25~~ is characterized by disposing:

in ~~the~~ a previously mentioned coloring apparatus of ~~the~~ a resin surface layer according to any one of claims 21, 22 and 23,

a wind-up mechanism for winding up the molded resin article of a form selected from a textile form, a fiber form and a film form around a reception side reel from a supply side reel under reduced pressure.

Please replace the paragraph beginning on page 25, line 10, with the following rewritten paragraph:

Moreover, in order to achieve the object, a molded resin article of the present invention ~~according to claim 26~~ is characterized in that:

a surface layer is modified by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12.

Please cancel the paragraph at page 25, lines 16-19.

Please replace the paragraph beginning on page 25, line 21, with the following rewritten paragraph:

Additionally, in order to achieve the object, a molded resin article of the present invention ~~according to claim 28~~ is characterized in that:

a surface layer is colored by ~~the~~ a previously mentioned coloring method of ~~the~~ a resin surface layer according to claim 14.

Please cancel the paragraph at page 25, line 26, to page 26, line 2.



Please replace the paragraph beginning on page 26, line 4, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a plastic lens of the present invention ~~according to claim 30~~ is characterized in that:

a surface layer is modified by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12.

Please replace the paragraph beginning on page 26, line 10, with the following rewritten paragraph:

Additionally, in order to achieve the object, a plastic lens of the present invention ~~according to claim 31~~ is characterized in that:

a surface layer is colored by ~~the~~ a previously mentioned coloring method of ~~the~~ a resin surface layer according to claim 14.

Please replace the paragraph beginning on page 26, line 15, with the following rewritten paragraph:

Moreover, in order to achieve the object, a resin coat lens of the present invention ~~according to claim 32~~ is characterized in that:

a resin surface layer is modified by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12.

Please replace the paragraph beginning on page 26, line 21, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a resin coat lens of the present invention

~~according to claim 33~~ is characterized in that:

a resin surface layer is colored by ~~the~~ a previously mentioned coloring method of ~~the~~ a resin surface layer ~~according to claim 14~~.

Please replace the paragraph beginning on page 26, line 26, with the following rewritten paragraph:

Additionally, in order to achieve the object, a plastic film of the present invention ~~according to claim 34~~ is characterized in that:

a surface layer is modified by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12~~.

Please replace the paragraph beginning on page 27, line 5, with the following rewritten paragraph:

Moreover, in order to achieve the object, a plastic film of the present invention ~~according to claim 35~~ is characterized in that:

a surface layer is colored by ~~the~~ a previously mentioned coloring method of ~~the~~ a resin surface layer ~~according to claim 14~~.

Please replace the paragraph beginning on page 27, line 10, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a fiber of the present invention ~~according to claim 36~~ is characterized in that:

a surface layer is modified by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12~~.

Please replace the paragraph beginning on page 27, line 16, with the following rewritten paragraph:

Additionally, in order to achieve the object, a fiber of the present invention ~~according to claim 37~~ is characterized in that:

a surface layer is colored by ~~the~~ a previously mentioned coloring method of ~~the~~ a resin surface layer according to claim 14.

Please replace the paragraph beginning on page 27, line 21, with the following rewritten paragraph:

Moreover, in order to achieve the object, a plastic optical fiber of the present invention ~~according to claim 38~~ is characterized in that:

a surface layer is modified by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12.

Please replace the paragraph beginning on page 27, line 27, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a plastic optical fiber of the present invention ~~according to claim 39~~ is characterized in that:

a surface layer is colored by ~~the~~ a previously mentioned coloring method of ~~the~~ a resin surface layer according to claim 14.

Please replace the paragraph beginning on page 28, line 5, with the following rewritten paragraph:

Additionally, in order to achieve the object, a molded resin article of the present invention ~~according to claim 40~~ is characterized in that:

the surface layer of the molded resin article is modified with a fluorescent dyestuff having sublimation properties and an affinity for a resin of the molded resin article to be coated, by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 to impart a fluorescent light emitting function to the surface layer.

Please replace the paragraph beginning on page 28, line 13, with the following rewritten paragraph:

Moreover, in order to achieve the object, a molded resin article of the present invention ~~according to claim 41~~ is characterized in that:

the surface layer of the molded resin article is modified with a photochromic dyestuff having sublimation properties and an affinity for a resin of the molded resin article to be coated, by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 to impart a photochromic function to the surface layer.

Please replace the paragraph beginning on page 28, line 21, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a molded resin article of the present invention ~~according to claim 42~~ is characterized in that:

the surface layer of the molded resin article is modified with an organic metal compound having sublimation properties and an affinity for a resin of the molded resin article to be coated, by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 to impart an X ray and/or electron ray and/or ray absorption function to the surface layer.

Please replace the paragraph beginning on page 29, line 3, with the following rewritten paragraph:

Additionally, in order to achieve the object, a molded resin article of the present invention ~~according to claim 43~~ is characterized in that:

an antibacterial or antifungal agent having sublimation properties and an affinity for a resin of the molded resin article to be coated is used, and the modification of the surface layer is performed by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12~~ to provide a surface layer with an antibacterial or antifungal function.

Please replace the paragraph beginning on page 29, line 12, with the following rewritten paragraph:

Moreover, in order to achieve the object, a molded resin article of the present invention ~~according to claim 44~~ is characterized in that:

a medicinal activity organic compound having sublimation properties and an affinity for a resin of the molded resin article to be coated is used, and the modification of the surface layer is performed by ~~the~~ a previously mentioned modification method of ~~the~~ a resin surface layer ~~according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12~~ to provide a surface layer with a medicinal activity function.

Please replace the paragraph beginning on page 29, line 21, with the following rewritten paragraph:

Furthermore, in order to achieve the object, a molded resin article of the present invention ~~according to claim 45~~ is characterized in that:

an organic compound having sublimation properties and an affinity for a resin of the molded resin article to be coated, and assuming a physiological activity to an animal/plant is used, and the modification of the surface layer is performed by the a previously mentioned modification method of ~~the a~~ resin surface layer ~~according to any one of claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12~~ to provide a surface layer with a function as an agricultural chemical.